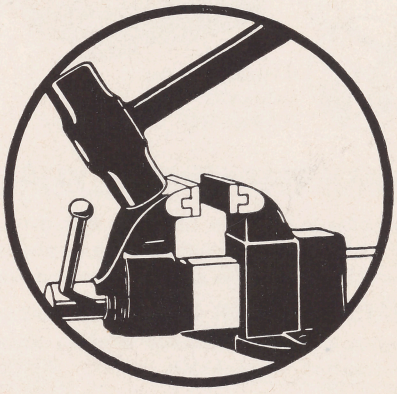
COLUMBIAN VISES

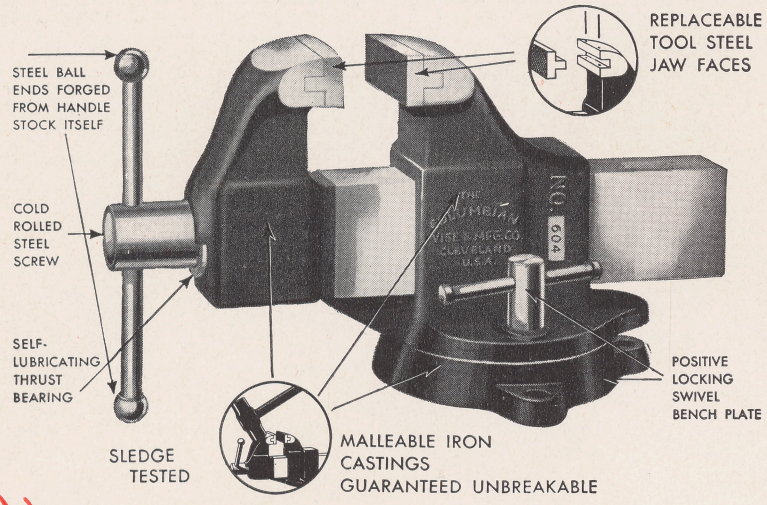
Sledge Tested



CATALOG NO. 55

SOLD BY DISTRIBUTORS

COLUMBIAN MALLEABLE IRON MACHINISTS' VISES ARE UNBREAKABLE


REPLACEABLE TOOL STEEL JAW FACES
STEEL BALL ENDS FORGED FROM HANDLE STOCK ITSELF
COLD ROLLED STEEL SCREW
SELF-LUBRICATING THRUST BEARING
SLEDGE TESTED
MALLEABLE IRON CASTINGS GUARANTEED UNBREAKABLE
POSITIVE LOCKING SWIVEL BENCH PLATE
THE COLUMBIAN VISE & MFG. CO. CLEVELAND U.S.A.
NO. 504

COLUMBIAN MACHINISTS' VISES

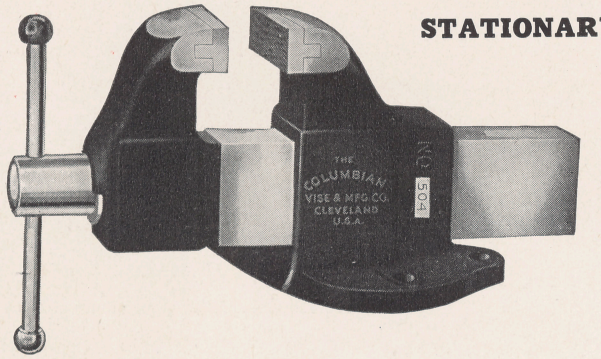
In order to combine accuracy with greater strength and longer service, Columbian engineering and manufacturing emphasize outstanding features that provide quality and economy in the use of Columbian Machinists' Vises.

MALLEABLE IRON CASTINGS, produced under Columbian's special patented design to insure maximum working strength and shock resistance, are absolutely guaranteed unbreakable.

STEEL SCREW and MALLEABLE IRON NUT are properly designed and supported in rigid alignment to provide maximum gripping power and reduce wear on both the screw and nut. Steel balls on both ends of the handle are forged from the handle stock itself and cannot come loose.

GRAPHITE-BRONZE (SELF-LUBRICATING) BEARING at the front of the sliding jaw takes the thrust of the steel screw head, provides easy and positive operation, prevents wear and eliminates "end play".

HARDENED TOOL STEEL JAW FACES, "T" section design for tongue-and-groove fitting, are pinned into the castings so they cannot come loose in use but may be replaced if chipped or worn. These replaceable jaw faces provide a solid gripping surface without screw holes or screw heads in the working face.



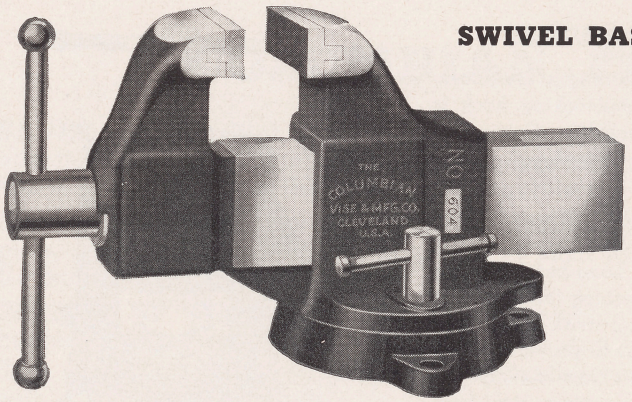
STATIONARY BASE—500 SERIES

Designed to handle the varied size and weight of work in the average shop, these vises will stand the abuse often given to such a tool.

The machined flat base of Columbian Vises permits firm installation with three bolts, and eliminates cutting the bench top.

Hardened tool steel jaw faces cover the entire gripping surface and are pinned into the jaw to insure firm application and easy replacement.

VISE NUMBER	503	503½	504	504½	505	506	508
List Price	20.00	22.50	25.50	31.00	40.00	78.00	150.00
Jaw Width, In.	3	3½	4	4½	5	6	8
Jaw Opening, In.	4	5	6	7	8	10	12
Approx. Weight, Lbs.	20	29	36	47	58	90	150
Code Word	ABAFT	ABASE	ABASH	ABATE	ABBEY	ABEAM	ABODE



SWIVEL BASE — 600 SERIES

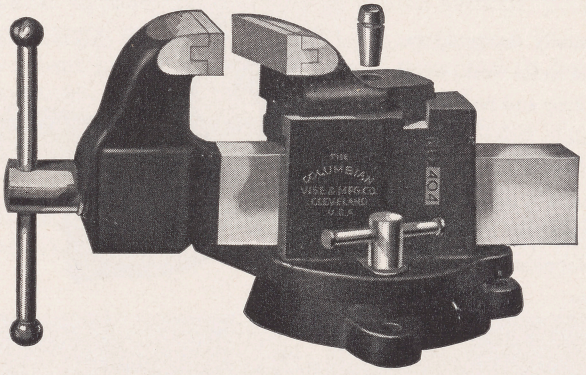
The effective swivel base allows these vises to be swung freely and locked in any desired position, reducing the shifting of work in the vise.

The steel clamping nut draws the teeth of a forged steel lock bolt up into gear-like corrugations in the base plate — the most positive locking device.

The advantages of shifting the position of work and holding it at different angles without removing the piece from the vise are appreciated by users.

VISE NUMBER	603	603½	604	604½	605	606	608
List Price	26.00	30.00	34.00	40.00	60.00	104.00	196.00
Jaw Width, In.	3	3½	4	4½	5	6	8
Jaw Opening, In.	4	5	6	7	8	10	12
Approx. Weight, Lbs.	25	34	42	55	70	106	170
Code Word	BACON	BADGE	BAIRN	BAIZE	BARGE	BASAL	BATON

ADJUSTABLE JAW — SWIVEL BASE — 400 SERIES



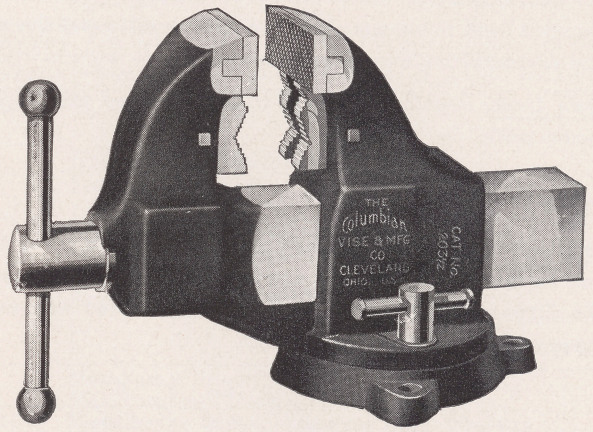
This type of vise, with adjustable back jaw and swivel base is adaptable for a wide range of work. Malleable iron castings are guaranteed unbreakable.

With the pin in place the swivel back jaw is locked rigidly for use as a parallel jaw vise. Removal of the pin allows adjustment of the back jaw to a firm grip on irregular or tapering pieces.

Specially designed for tool and die room work, adjustable jaw vises are valuable wherever a varied range of work is required.

VISE NUMBER	403½	404½	406
List Price	40.00	56.00	120.00
Jaw Width, In.	3½	4½	6
Jaw Opening, In.	5	6	9
Approx. Weight, Lbs.	35	57	120
Code Word	DAVIT	DEMON	DIGIT

COMBINATION PIPE — 200 SERIES

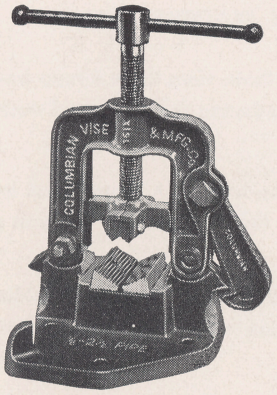


Columbian Malleable Iron castings are especially important in these vises. The high jaws, necessary to permit a large range of pipe work, require this extra strength.

Pipe jaws of tool steel are carefully heat-treated to insure correct hardness and strength. The three jaws are interchangeable, and each has two working faces.

The special design of the pipe jaws makes it possible to hold down to ⅛" pipe without the pipe jaws protruding beyond the jaw faces. Other work can be held, therefore, without removing the pipe jaws.

VISE NUMBER	203½	204½	205	206
List Price	35.00	48.00	76.00	120.00
Jaw Width, In.	3½	4½	5	6
Jaw Opening, In.	4	5	6	10
Approx. Weight, Lbs.	36	60	98	165
Pipe Capacity, In.	⅛-2½	⅛-3½	⅛-4½	⅛-6
Code Word	EAGLE	EARTH	EBONY	ECLAT

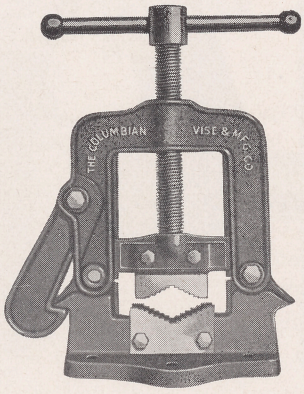


HINGED PIPE VISES

Malleable iron provides strength and durability in all cast parts. Self-locking hook is easy-working and unbreakable. Cold-rolled steel screw and handle, with ball ends forged from handle stock.

Columbian "Long Jaw" Hinged Pipe Vises hold pipe, conduit and thin wall tubing firmly without bending. Long-bearing jaws, designed to prevent crushing and scoring finish, are heat-treated tool steel. Lower pipe jaws, milled on both sides to provide double life, are securely fastened from the top and are reversed without removing vise from bench. Handy bender for small pipe, conduit and tubing.

Columbian "Interlocking Jaw" Pipe Vises have replaceable pipe jaws of tool steel, accurately milled and heat-treated for positive gripping and maximum life. Heavy duty sizes have extra strength required for holding large-diameter work.



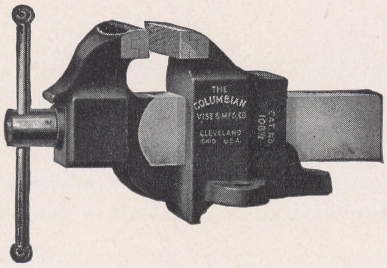
LONG JAW

Vise No.	Pipe Capacity Inches	Approx. Weight Pounds	Code Word
160	⅛-2	9	FAINT
161	⅛-2½	11	FAIRY
162	⅛-3½	19	FAVOR
163	⅛-4½	26	FEAST

INTERLOCKING JAW

Vise No.	Pipe Capacity	Approx. Weight Pounds	Code Word
16X	⅛-1½	5	FABLE
HEAVY DUTY			
164X	½-6	37	FENCE
165X	1-8	81	FERNY
166X	1½-12	163	FERRY

HEAVY CHIPPING VISE

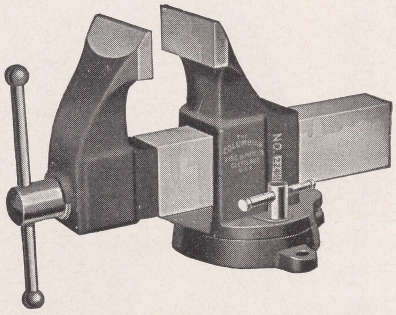


Designed for use wherever mass weight is of primary importance. Kromiron castings are used to provide increased tensile strength and greater shock resistance.

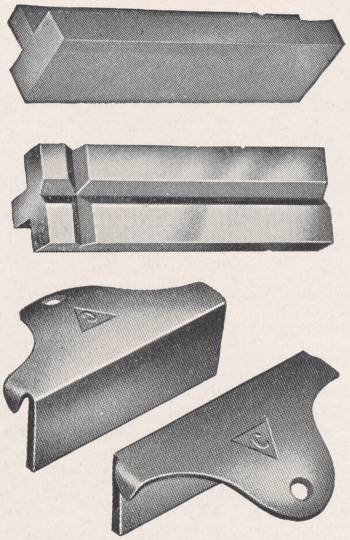
Vise No.	List Price	Jaw Width	Jaw Opening	Weight Pounds	Code Word
108	150.00	8	12	268	HEDGE

SHEET METAL WORKERS' VISE

Specially designed for sheet metal work, wood working and body work — high tapering jaws with extra deep smooth faces, 4½ inches wide. Malleable castings. Replaceable steel jaw faces.



Vise No.	List Price	Jaw Width	Jaw Opening	Weight Pounds	Code Word
224½	45.00	4½	9	60	GAMIN



SPECIAL JAW FACES

Smooth Jaw Faces of hardened tool steel can be fitted in any Columbian Machinists' Vises where standard knurled faces would mar aluminum or other soft metal. Smooth faces are furnished at no additional cost on original vise orders.

Specially designed jaw faces, machined out to fit irregular shaped pieces, can be furnished for production work.

BRASS JAW CAPS

Brass Jaw Caps, Carefully designed to fit snugly over the jaws and cover the knurled steel faces, can be furnished to prevent marring occasional work on soft materials. Caps can be slipped on the vise for one job, and removed whenever regular gripping faces are required.

Jaw Width, Inches	3	3½	4	4½	5	6
List Price, Per Pair	3.00	3.60	4.20	5.00	6.20	10.00

COLUMBIAN *HYDRAULIC* VISE

SAVES TIME — With both hands working, Columbian "Hydraulic' Vise operators insert, grip, and release parts in less time with less effort. Use both hands to position more than one piece accurately.

SAVES MANPOWER — Every operator can use both hands to lift heavy parts or awkward assemblies and to remove such work with ease and safety. No more calls for the extra man to help.

SPEEDS UP PRODUCTION — Use Columbian "Hydraulic" Vises on bench production to eliminate waste motions and lost time.

Stop control is adjustable so that any production work is gripped and held with a single power stroke.

DEPENDABLE POWER CONTROL — Light castings and finished surfaces can be gripped without crushing or marring. Tested valves and high pressure packings guarantee holding power.

POSITIVE RELEASE — Heavy coil springs of chrome-vanadium steel insure positive release and automatic opening to any desired position.

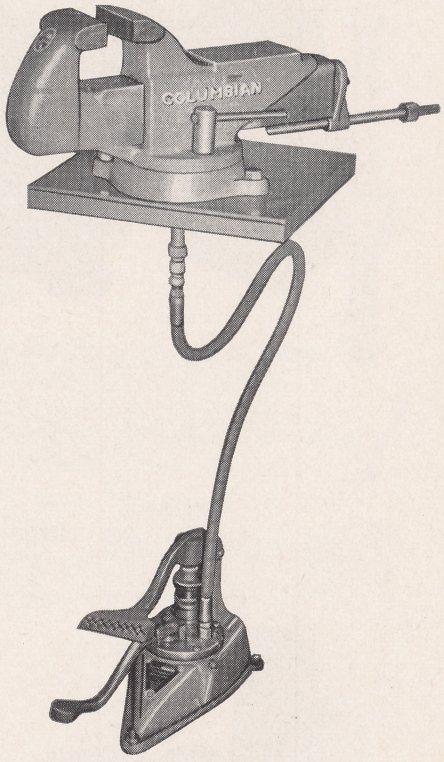
HYDRAULIC VISE MECHANISM — protected inside the vise from dirt and damage, operates moving front jaw for greatest usefulness and operator convenience.

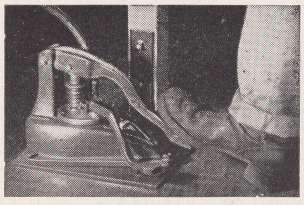
ANVIL BACK JAW — with extra long bearing surfaces, protects machined beam of moving front jaw to insure smooth, positive action.

SWIVEL BASE is locked by forged steel "wedge-gear" bolt at most convenient position. Base of vise is mounted to bench in conventional, simple manner.

MALLEABLE IRON CASTINGS for front jaw, back jaw, and swivel base are specifically designed and precision machined for efficient hydraulic operation — guaranteed unbreakable.

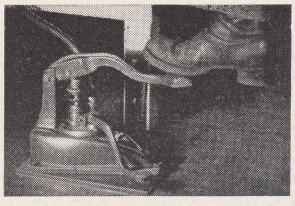
HARDENED TOOL STEEL JAWS — Columbian "T" section design will not come loose in use but may be replaced if gripping surface is worn.





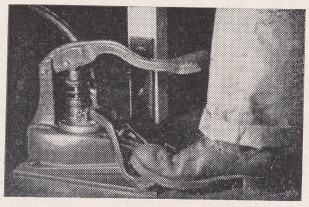
ADJUSTING

Short strokes of Power Pedal, with operator's heel resting on floor, quickly adjust jaws of vise to gripping position. (Minimum time and energy exerted on each vise operation.)



POWER

Upper travel of Power Pedal provides gripping power from light pressure of a single pound up to thousands of pounds per square inch. Power is always accurately controlled.



RELEASE

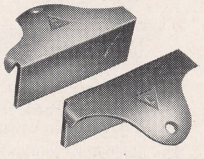
Depress the Release Pedal to open the jaws smoothly to any desired position. Automatic spring action is positive for full opening of the vise.

HYDRAULIC VISE NUMBER	1004
List Price	**$137.00**
Jaw Width, Inches	4
Jaw Depth, Inches (Top of Jaws to Beam)	3 7/8
Jaw Opening, Inches	6
Net Weight, Lbs.	80
Approximate Shipping Weight, Lbs.	110

OPERATING SPECIFICATIONS

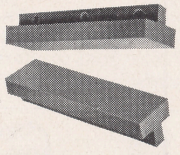
Maximum Hydraulic Pressure, P.S.I.	7000
Maximum Jaw Pressure, Lbs.	4000
Vise Closing Speed, Inches per Pump Stroke	7/8
Vise Opening Speed, Seconds (Full Vise Opening)	3

OPTIONAL PARTS AND EQUIPMENT



BRASS JAW CAPS, to fit securely over jaws and cover knurled steel faces, will prevent marring soft pieces or finished surfaces.

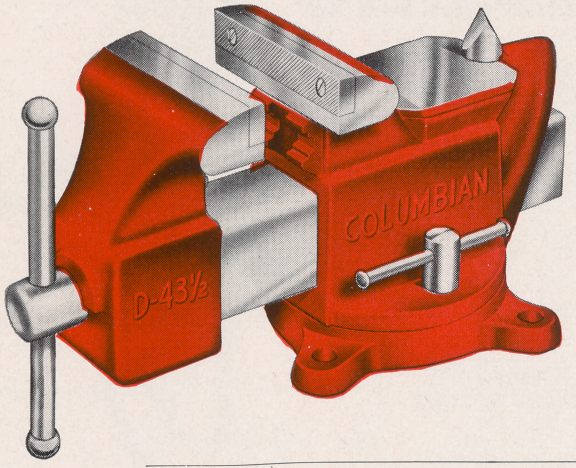
List Price, per pair..... **$4.20**



JAW FACE BLANKS, Columbian "T" section tool steel with machined tongue, drilled holes, and dowel pins can be used for making special jaw faces to hold irregular shaped production work. Hardening instructions furnished.

List Price, per pair..... **$5.60**

COLUMBIAN "WORKSHOP" VISES

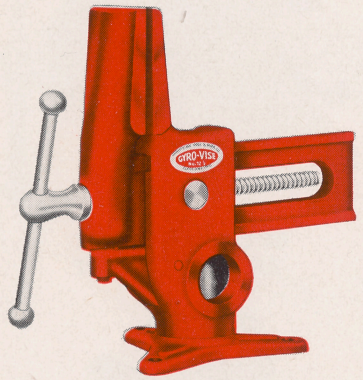


Heavy-duty front jaw beam of channel steel covering screw
Extra large back jaw anvil and anvil horn
Cold-rolled steel screw, handle balls forged from handle stock
Replaceable malleable iron nut, Acme thread
Replaceable heat-treated steel jaw faces
Permanent pipe jaws, positive "Tri-Grip" design
Positive locking swivel base, slip-handle lock nut
Polished jaws and anvil, bright red finish
Packed in individual cartons.

Vise Number	List Price	Jaw Width	Jaws Open	Pipe Capacity	Approximate Weight	PACKED	
						Vises Per Case	Shipping Weight
D 43½	9.80	3½	4	⅛ — 1¼	16 lbs.	6	105 lbs.
D 44	14.50	4	5	⅛ — 2	27 lbs.	3	90 lbs.
D 45	18.90	5	6	⅛ — 2½	38 lbs.	1	41 lbs.

New

GYRO-VISE No. 72½

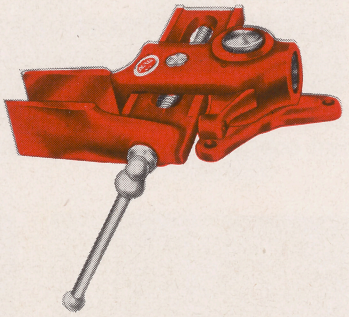


STANDS UPRIGHT!

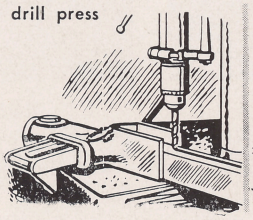
Gyro-Vise turns in a complete circle in upright position. It locks automatically when jaws are tightened.

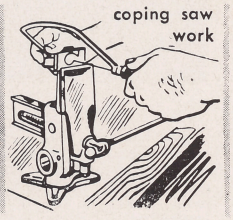
LAYS FLAT ON EITHER SIDE!

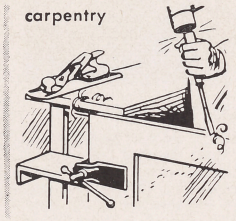
Gyro-Vise can be placed on base on either side. Once again it can be rotated to meet every need and locks automatically when jaws are tightened.



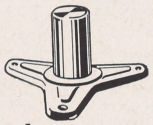
There's virtually no limit to the number of useful Gyro-Vise applications. YOU'LL FIND A NEW USE FOR YOUR GYRO-VISE EVERY TIME YOU USE IT. The Gyro-Vise is ideal for carpentry, sanding, sawing, tool sharpening, carving . . . every shop operation. And — it's perfect for the "do it yourself" handy man around the house, the woodworking hobbyist and the fellow who just likes to tinker . . .







Vise Number	List Price	Jaw Width, Inches	Jaw Depth, Inches	Jaw Opening, Inches	Approximate Weight, Pounds	Height, Inches	Vises Per Case
72½	12.95	2½	4¼	5	16	10½	6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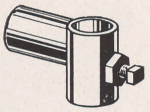
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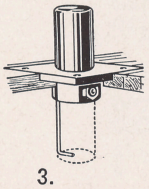
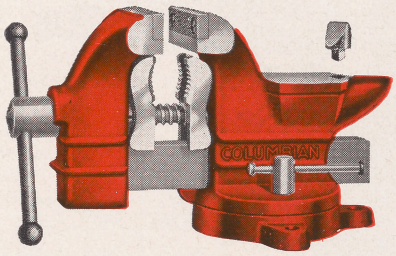

3.

ATTACHMENTS FOR #72½ VISE

	LIST
1. Extra Standard Base	$ 1.70
2. Angle Adapter	3.40
3. Flush Base	4.85

C43 HOMESHOP VISE

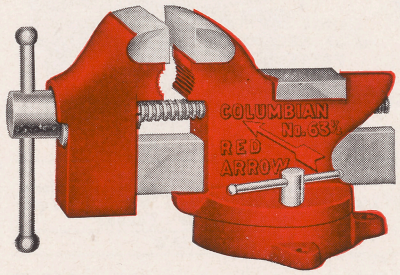


Finished in bright "Columbian Red" enamel, with polished metal jaws and anvil. Each vise is packed in a well marked individual carton, convenient for shelf storage and reshipping.

Vise No.	List Price	Jaw Width, In.	Jaw Opening, In.	Pipe Capacity, In.	Approx Weight, Lbs.	PACKED		Code Word
						Vises per case	Shipping Wgt. Case	
C43	8.50	3	3½	0—1¼	14	6	95	HANDY

Extra Cut-off tools 25c each.

COLUMBIAN RED ARROW HOMESHOP VISE

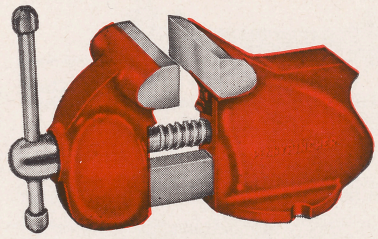


- *Strong balanced castings.
- *Well supported anvil back jaw.
- *Heavy steel beam.
- *Wide polished jaws.
- *Heavy built-in pipe jaws.
- *Cold-rolled steel screw.
- *Slip-proof screw collar.
- *Forged ball ends on handle.
- *Steel locking device for swivel base.

Vise No.	List Price	Jaw Width Inches	Jaw Opening Inches	Pipe Capacity Inches	Approx. Weight Pounds	PACKED*		Code Word
						Vises Per Case	Shipping Wgt. Case	
63½	7.40	3½	3½	¼-1¼	13	6	84	PECAN

*Packed in individual cartons.

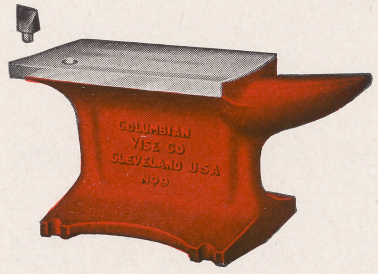
COLUMBIAN PENNYPINCHER HOMESHOP VISE



Columbian scores again — meeting the demand for vises in the low-priced field. It's the new Columbian "Pennypincher" — finished in bright "Columbian Red" enamel — packed in individual cartons. (Six vises per case.)

Vise No.	List Price	Jaw Width Inches	Jaw Opening Inches	Approx. Weight Pounds	PACKED	
					Vises Per Case	Shipping Wgt. Case
D53½	5.30	3½	3	9	6	60

COLUMBIAN "Kromiron" BENCH ANVIL

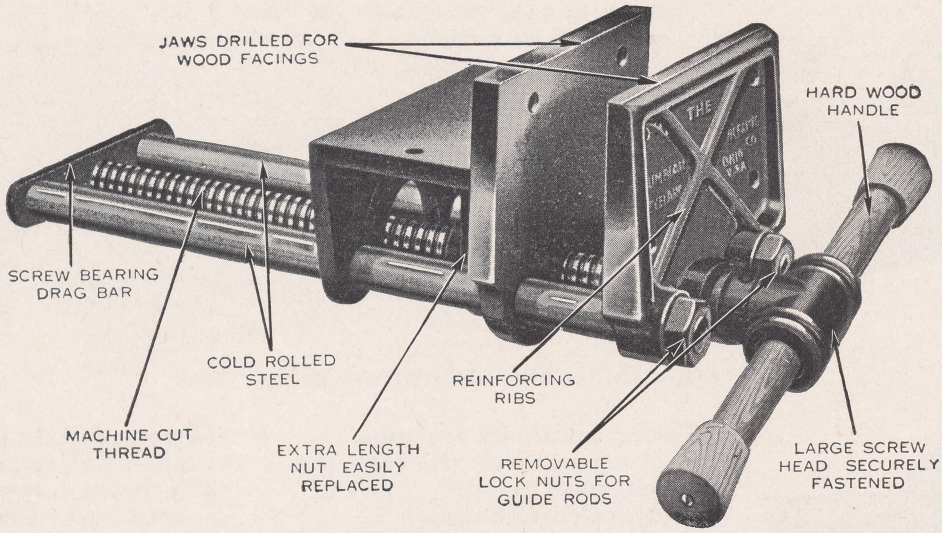


This bench anvil is made of shock-resisting "Kromiron" castings, and has a broad, tough face. Each anvil is equipped with a steel cut-off tool, carefully heat-treated and hardened. A splendid tool for a wide range of work — from industrial and home shop benches to dentists' and jewelers' work tables.

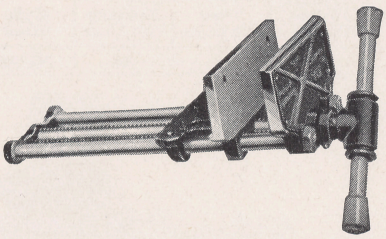
Cat. No.	List Price	DIMENSIONS — INCHES			Approx. Weight Pounds	PACKED		Code Word
		Face	Horn	Base		Number Per Case	Shipping Wgt. Case	
9	3.90	3 x 6	3	4 x 5½	9	6	60	CREEL

Extra Cut-off tools, 25c each.

COLUMBIAN WOODWORKERS' VISES


JAWS DRILLED FOR WOOD FACINGS
HARD WOOD HANDLE
SCREW BEARING DRAG BAR
COLD ROLLED STEEL
REINFORCING RIBS
MACHINE CUT THREAD
EXTRA LENGTH NUT EASILY REPLACED
REMOVABLE LOCK NUTS FOR GUIDE RODS
LARGE SCREW HEAD SECURELY FASTENED

RAPID ACTING WOODWORKERS' VISES

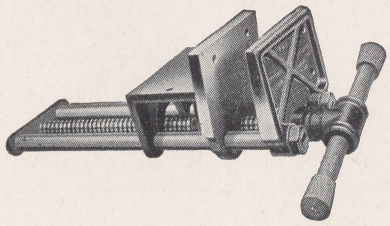


Columbian Rapid Acting Woodworkers' Vises are designed for shops where time is an important factor as in production work, and are particularly adaptable where large changes in jaw opening must be made frequently.

The rapid acting mechanism is made with an intercepted thread screw, produced by milling off a section of each thread the length of the screw. This smooth section slides under the bronze half-nut when the handle is thrown against the stop on the front jaw. The nut may be engaged at any time, however, and a half turn of the handle tightens the vise.

Vise No.	List Price	Jaw Size Inches	Jaw* Opening Inches	Approx. Weight Pounds	Code Word
PLAIN FRONT JAW					
1R	22.00	4 x 7	9	24	LODGE
9R	25.00	4 x 10	12	32	LOFTY
DOG IN FRONT JAW					
1RD	23.00	4 x 7	9	25	LOTUS
9RD	26.00	4 x 10	12	33	LOCAL

CONTINUOUS SCREW WOODWORKERS' VISES



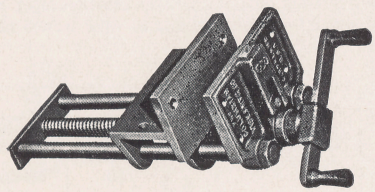
Columbian Continuous Screw — Solid Nut Woodworkers' Vises are designed for general use in woodworking or manual training shops. Simple construction is durable and reliable, with the fewest possible number of parts.

Steel guide rods, working through accurately machined guides in the back jaw, keep the jaws in alignment and insure smooth operation. Heavy steel screw with double, fast-running thread provides positive action and maximum speed.

Vise No.	List Price	Jaw Size Inches	Jaw* Opening Inches	Approx. Weight Pounds	Code Word
PLAIN FRONT JAW					
5C	18.50	4 x 7	9	22	LABEL
3C	21.50	4 x 10	12	30	LEAFY
DOG IN FRONT JAW					
5CD	19.50	4 x 7	9	23	LADLE
3CD	22.50	4 x 10	12	31	LEAGE

Note: Hard wood handles are standard equipment on the above Columbian Woodworkers' Vises. Tubular steel handles with metal caps and rubber washers will be furnished, if specified, at no additional cost.

CONTINUOUS SCREW VISES — ADJUSTABLE STEEL HANDLE



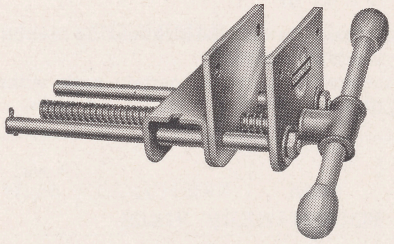
The adjustable steel handle increases the speed of operation of the standard continuous screw vise without sacrificing the advantages of simple fool-proof construction.

This handle is held in any desired position by a tension spring in the head. With the handle centered, speed comparable to a rapid-acting vise is possible, while extension of the handle gives leverage necessary to tighten the vise.

Vise No.	List Price	Jaw Size Inches	Jaw* Opening Inches	Approx. Weight Pounds	Code Word
PLAIN FRONT JAW					
5C-S	19.50	4 x 7	9	24	LANCE
3C-S	22.50	4 x 10	12	32	LEASH
DOG IN FRONT JAW					
5CD-S	20.50	4 x 7	9	25	LARCH
3CD-S	23.50	4 x 10	12	33	LEDGE

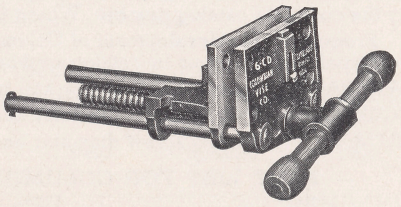
*For larger opening add 50c per inch to list prices.

COLUMBIAN VISES



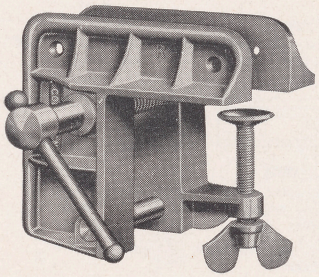
COLUMBIAN WOODCRAFT VISES

Columbian "Woodcraft" Vises are ideal for the homeshop work bench. No. 6C has fabricated steel front and back jaw parts. No. 6CD has strong cast iron jaws with adjustable steel dog in front jaw. Steel guide rods keep the jaws in alignment and machine-cut screw insures positive free action. Screw holes for attaching wood faces. Will fit any bench up to 2¼ in. without mortising.



Vise No.	List Price	Jaw Size Inches	Jaw Opening Inches	Approx. Weight Pounds	Code Word
6C	5.80	3 x 6	7	10	LUCKY

Vise No.	List Price	Jaw Size Inches	Jaw Opening Inches	Approx. Weight Pounds	Code Word
6CD	8.50	3 x 6	7	10	LEECH



COLUMBIAN CARPENTER'S VISE

Tool Steel Feed Screws and Guide Pin

Cast Aluminum Alloy Jaws

Lightweight—only 2¾ lbs.

Easily Carried in Carpenter's Kit

Jaws Open to 3″

Fastens to Anything from ⅞″ to 2¼″ thick

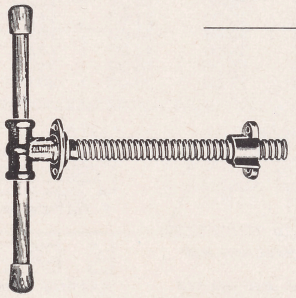
Gripping Surface
1⅝″ x 5″ Top Jaw
1¾″ x 5½″ Side Jaw

Smooth Jaw Faces

Jaws Drilled for Wood Faces

Packed in Individual Cartons

VISE NO.	LIST PRICE	JAW SIZE	JAWS OPEN	APPROX. WEIGHT
655	5.00	5″ x 5½″	3″	2¾ lbs.



COLUMBIAN BENCH SCREWS

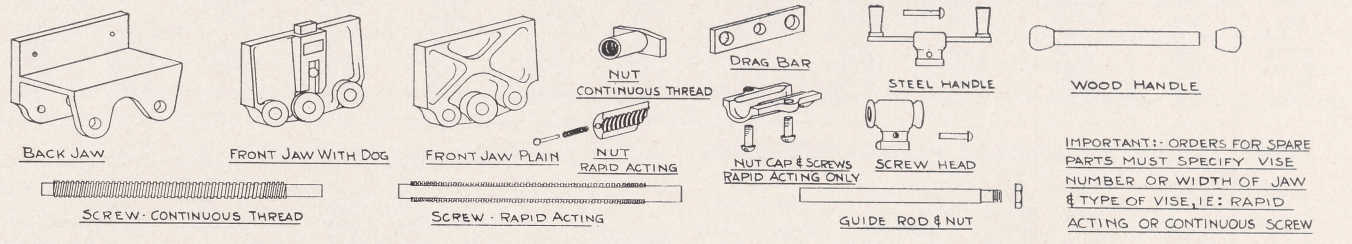
Columbian Steel Bench Screws have special double lead thread to provide maximum speed and positive gripping. Extra heavy screw head, thrust washer, nut casting and wood handle.

Dia.	Length Inches	Weight Per Dozen Pounds	New List Price Dozen
1″	16	65	38.40
1-⅛″	16	80	40.80
1-¼″	17	90	48.00

MAPLE FACES

Columbian Woodworkers' Vises are drilled for attaching wood faces. Attachment on the back jaw is made by drilling and countersinking the wood face for the two heavy wood screws holding the vise against the bench. Maple faces protect the vise, prevent damage to edge tools from striking the metal faces. Add $1.50 to the list price of any vises to be equipped with wood faces.

PART LIST FOR COLUMBIAN WOODWORKERS' VISES


BACK JAW
FRONT JAW WITH DOG
FRONT JAW PLAIN
NUT CONTINUOUS THREAD
NUT RAPID ACTING
DRAG BAR
NUT CAP & SCREWS RAPID ACTING ONLY
STEEL HANDLE
SCREW HEAD
WOOD HANDLE
SCREW - CONTINUOUS THREAD
SCREW - RAPID ACTING
GUIDE ROD & NUT
IMPORTANT:- ORDERS FOR SPARE PARTS MUST SPECIFY VISE NUMBER OR WIDTH OF JAW & TYPE OF VISE, IE: RAPID ACTING OR CONTINUOUS SCREW

Size Jaw	Nut for Continuous	Nut for Rapid Act	Nut Cap and Screws	Screw Continuous	Screw Rapid Act.	Screw Head & Rivet	Wood Handle	Steel Handle	Drag Bar	Front Jaw Plain	Front Jaw with Dog	Back Jaw	Guide Rod & Nut
3 x 6	.80			2.00		.70	.40			2.00	3.00	3.50	1.00
4 x 7	1.80	2.25	.75	4.50	6.00	1.50	.75	2.25	.75	6.00	7.50	7.50	1.00
4 x 10	1.80	2.25	.75	6.00	7.50	2.25	.75	2.25	1.20	7.50	9.00	9.00	1.00

PARTS ORDER INSTRUCTION

In ordering, be sure to furnish the proper identification of the parts required for your Columbian Vise. The vise itself should be identified by the complete catalog number. Where this number can not be furnished, specify width of jaw and type of vise.

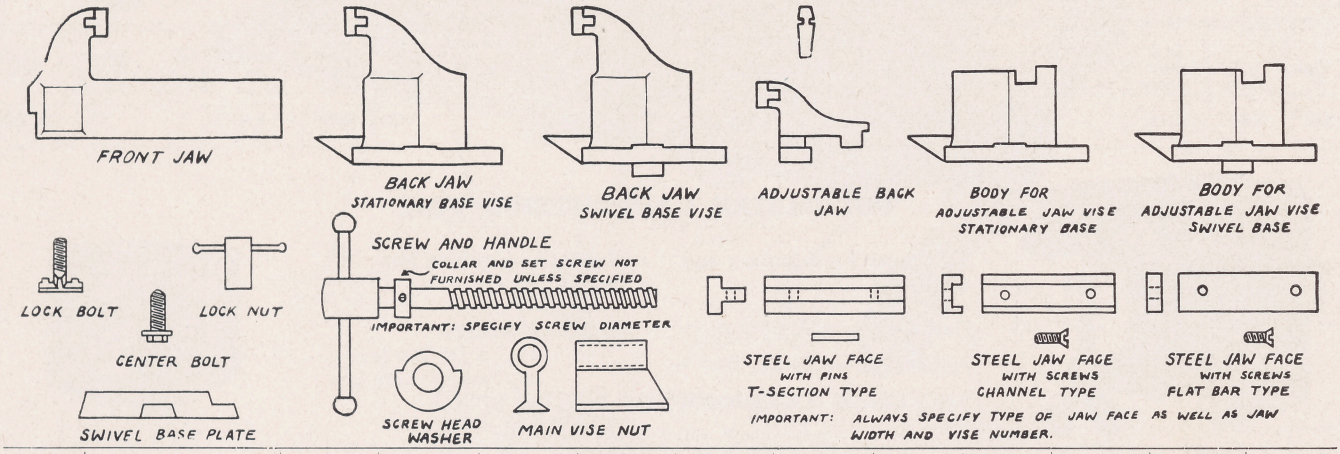
Progress in the development of Columbian Vises during many years resulted in changes of the specifications for certain parts without corresponding changes in catalog numbers. The following information will help us to furnish promptly correct parts for old vises.

JAW FACES: Specify width of jaw and type of face; i.e. "T" Section, Channel, or flat bar.

SCREWS: Specify screw diameter and number of threads per inch.

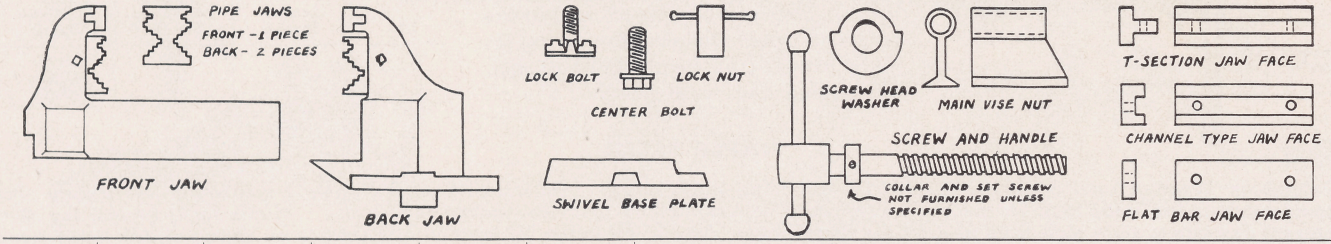
NUTS: Specify screw diameter and height from the base of nut to the center of screw.

PART LIST FOR COLUMBIAN MACHINISTS', HEAVY CHIPPING, AND BODYMAKERS' VISES


FRONT JAW
BACK JAW STATIONARY BASE VISE
BACK JAW SWIVEL BASE VISE
ADJUSTABLE BACK JAW
BODY FOR ADJUSTABLE JAW VISE STATIONARY BASE
BODY FOR ADJUSTABLE JAW VISE SWIVEL BASE
LOCK BOLT
LOCK NUT
CENTER BOLT
SWIVEL BASE PLATE
SCREW AND HANDLE
COLLAR AND SET SCREW NOT FURNISHED UNLESS SPECIFIED
IMPORTANT: SPECIFY SCREW DIAMETER
SCREW HEAD WASHER
MAIN VISE NUT
STEEL JAW FACE WITH PINS T-SECTION TYPE
STEEL JAW FACE WITH SCREWS CHANNEL TYPE
STEEL JAW FACE WITH SCREWS FLAT BAR TYPE
IMPORTANT: ALWAYS SPECIFY TYPE OF JAW FACE AS WELL AS JAW WIDTH AND VISE NUMBER.

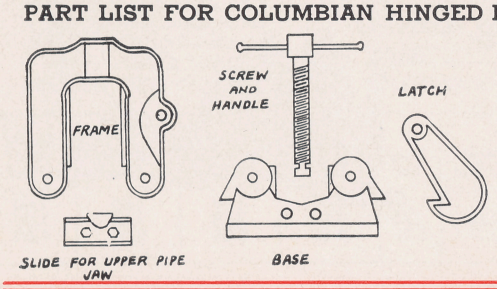
Width of Vise Jaw	Steel Jaw Face, Each	Screw and Handle	Collar and Set Screw	Main Vise Nut	Swivel Base Plate	Center Bolt for Swivel Base	Lock Bolt for Swivel Base	Lock Nut for Swivel Base	Front Jaw	Back Jaw	Body for Adjustable Jaw Vise	Swivel Back Jaw	Taper Pin For Swivel Back Jaw
2½	2.00	3.50	.60	1.00	4.40	.80	.60	.80	9.00	9.00	10.00	8.00	.60
3	2.40	4.00	.60	1.30	5.00	.80	.80	1.00	10.00	10.00	11.00	9.00	.60
3½	2.50	4.80	.70	1.60	6.00	1.00	.80	1.00	11.20	11.20	12.00	10.00	.80
4	2.80	6.00	.80	2.00	8.00	1.00	1.00	1.40	13.00	13.00	14.00	11.00	.80
4½	3.00	8.00	.80	2.00	10.00	1.20	1.00	1.40	15.60	15.60	18.00	12.00	.80
5	3.30	10.00	1.00	3.00	12.00	1.20	1.00	1.40	20.00	20.00	23.00	14.00	1.20
5½	3.80	13.00	1.20	4.00	14.00	1.50	1.50	2.00	30.00	30.00	30.00	16.00	1.70
6	4.20	16.00	1.20	4.00	16.00	1.50	1.50	2.00	39.00	39.00	42.00	19.00	1.70
7	4.80	20.00	1.40	5.50	20.00	2.00	2.00	2.50	55.00	55.00	55.00	24.00	1.70
8	5.30	24.00	1.60	7.00	28.00	2.00	2.00	2.50	75.00	75.00	75.00	30.00	1.70

PART LIST FOR COLUMBIAN COMBINATION PIPE VISES



Vise No.	Steel Jaw Face, Each	Pipe Jaws Complete Set (3)	Single Pipe Jaws Each	Screw and Handle	Collar and Set Screw	Main Vise Nut	Swivel Base Plate	Center Bolt for Swivel Base	Lock Bolt for Swivel Base	Lock Nut for Swivel Base	Front Jaw	Back Jaw
203½	2.50	5.40	1.80	6.00	.80	2.00	6.00	1.00	.80	1.40	13.00	13.00
204½	3.00	7.20	2.40	10.00	1.00	3.00	10.00	1.20	1.00	1.40	17.00	17.00
205	3.30	12.00	4.00	13.00	1.20	4.00	12.00	1.50	1.50	2.00	31.00	31.00
206	4.20	12.00	4.00	20.00	1.40	5.50	16.00	2.50	2.00	2.00	52.00	52.00

PART LIST FOR COLUMBIAN HINGED PIPE VISES



Vise No.	Pipe Jaws Complete Set(3)	Single Pipe Jaws Each	Slide or Jaw Clamp	Screw and Handle	Base	Frame	Hook or Latch
16X	3.90	1.30	.60	2.60	3.60	2.30	.60
160X	4.50	1.50	.60	3.10	4.10	2.60	.80
161X	5.40	1.80	.80	3.60	4.90	3.10	.90
162X	6.60	2.20	1.20	5.60	7.20	4.60	1.30
163X	9.30	3.10	1.70	7.70	10.80	6.80	1.90
164X	15.30	5.10	3.10	16.90	23.10	14.70	4.10

QUICK REFERENCE VISE CHART

COLUMBIAN Vise catalog numbers and the catalog numbers of similar sizes and types of other manufacturers. Jaw widths are in inches and the closest corresponding size has been used in each case.

STATIONARY JAW VISES — STATIONARY BASE

Jaw Width	COLUMBIAN	Athol	Hollands	Morgan	Parker	Prentiss	Reed	Simplex	Yost
3	**503**	613	13	30	953	253	103R	31P	103
3½	**503½**	613½	13½	35	953½	253½	103½R	33P	103½
4	**504**	614	14	40	954	254	104R	41P	104
4½	**504½**	614½	14½	45	954½	254½	104½R	43P	104½
5	**505**	615	15	50	955	255	105R	51P	105
6	**506**	616	16	60	956	256	106R	61P	106
8	**508**	618	18	80	958	.....	108R	81P	108

STATIONARY JAW VISES — SWIVEL BASE

3	**603**	623	23	130	973	263	203R	31S	203
3½	**603½**	623½	23½	135	973½	263½	203½R	33S	203½
4	**604**	624	24	140	974	264	204R	41S	204
4½	**604½**	624½	24½	145	974½	264½	204½R	43S	204½
5	**605**	625	25	150	975	265	205R	51S	205
6	**606**	626	26	160	976	266	206R	61S	206
8	**608**	628	28	180	978	.....	208R	81S	208

ADJUSTABLE JAW VISES — SWIVEL BASE

3½	**403½**	643½	43½	335	383½	453½	403½R	33SJ	43½
4½	**404½**	644½	44½	345	384½	454½	404½R	41SJ	....
6	**406**	646	46	360	386	456	406R	43SJ	78

COMBINATION PIPE VISES

3½	**203½**	323½X	..	87	433½	353½	1C	CP33	31C
4½	**204½**	324½X	53½	88	434½	354½	2C	CP43	32C
5	**205**	325X	54	288½	435	355	3C	.....	33C
6	**206**	326X	56	289½	436	356	4C	CP61	34C

HEAVY CHIPPING VISES

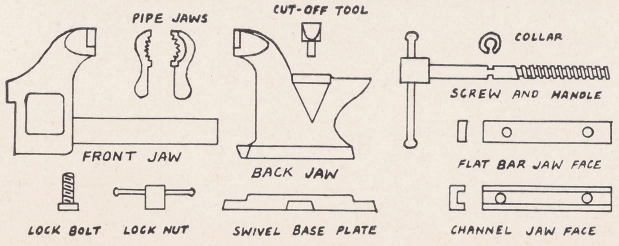
8	**108**	.....	.....	.....	.....	.....	.....	.....	..

SHEET METAL WORKERS VISE

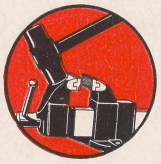
4½	**224½**	424½	264½	138	674½	.....	224½R	42CPS	503

No attempt has been made to make comparisons of quality, strength, weight or capacity. This information is taken from the latest available catalog of each of the manufacturers mentioned above.

PART LIST FOR COLUMBIAN HOMESHOP VISES



Vise No.	Steel Jaw Face Each	Pipe Jaws Per Pair	Screw and Handle	Swivel Base Plate	Front Jaw	Back Jaw
43	.75	.75	1.50	1.15	1.80	2.25
43½	1.00	.75	1.80	1.15	3.00	3.40
44	1.20	1.15	2.25	2.25	5.25	6.00
45	1.50	—	3.00	3.00	6.00	7.50
53½	—	—	1.25	—	2.00	2.00
63½	—	—	1.50	1.15	2.00	2.00



SALES POLICY
of
THE COLUMBIAN VISE & MFG. COMPANY

The following is a reiteration of Columbian's Operating and Selling Policy; originally printed January 3, 1933.

COMPLETE LINE—ONE SOURCE. Columbian's complete line offers to the distributor the advantage of concentrating his entire vise purchases from one strong source. This line includes Machinsts', Hinged Pipe, Combination Pipe, Woodworkers', Patternmakers', and Home-shop Vises.

DISTRIBUTION. We believe that selling thru established distributors is economical and efficient. We adhere rigidly to this principle.

PRICES. List prices with discount are used. These are such as to insure a reasonable profit. Prices are guaranteed to date of shipment.

RESALE. We believe in fair resale prices. Our distributors are urged to respect our suggested prices and every lawful method is used to protect this policy.

INQUIRIES AND DIRECT SALES. We refer to our distributors all inquiries from their territories, either from users or non-stocking distributors. Quotations or sales made direct, where we may have no distributor, are at our resale prices.

TERRITORY. Where an exclusive territory arrangement is made, a distributor is given every protection within that territory. Furthermore, we do not make direct shipments for one distributor into the territory assigned another distributor.

STOCKS. We expect our distributors to maintain a stock sufficient to adequately service their trade.

SERVICE. We ship all orders within 24 hours, unless otherwise specified.

GUARANTEE. Our products are fully guaranteed against defects in material and workmanship.

RETURNED GOODS. Returned goods are accepted only when authorized by our Cleveland office.

COOPERATION. We actively cooperate with distributors in promoting sales, educating distributors' salesmen, in furnishing sales literature, catalogs, etc., for distribution to their trade, and by advertising.

THE COLUMBIAN VISE & MFG. COMPANY
9021 Bessemer Ave. Cleveland 4, Ohio, U.S.A.

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